

Flood Control Project Maintenance
2018 Structure Summary Report
Overall Unit and Item Ratings

City of Sacramento

El Camino Avenue Bridge

| Overall Unit Rating | Rated Item | Item Rating |
|---------------------|-----------------------------------|-------------|
| A | Photo Documentation | N |
| | Vegetation & Obstructions | A |
| | Shoaling / Sedimentation | A |
| | Erosion / Bank Caving | A |
| | Revetments | M |
| | Encroachments | A |
| | Culverts: Inlets / Outlets | N |
| | Culverts: Breaks / Holes / Cracks | N |
| | Metal Pipes | N |
| | Trash Racks | N |
| | Flap Gates | N |
| | Sluice/Slide Gates | N |
| | Electric Gate Operators | N |
| | Manual Gate Operators | N |
| | Concrete Surfaces | A |
| | Concrete Tilting / Settlement | A |
| | Concrete Foundations | A |
| | Security Fencing | N |
| | Closure Structures | N |
| | Trash Rakes | N |
| | Other Metallic Items | N |
| | Monolith Joints | A |
| | Safety | A |
| | Operation & Maintenance Manual | A |

Flood Control Project Maintenance
2018 Structure Summary Report
Overall Unit and Item Ratings

City of Sacramento (cont.)

Magpie Creek Pumping Plant

| Overall Unit Rating | Rated Item | Item Rating |
|---------------------|---------------------------------------|-------------|
| A | Operating Log | A |
| | Operation & Maintenance Manual | A |
| | Plant Building | A |
| | Communications | A |
| | Safety | A |
| | Cranes | A |
| | Pumps | A |
| | Power | A |
| | Motors, Engines, Fans & Gear Reducers | A |
| | Pump Control Systems | A |
| | Sumps/Wet Well | A |
| | Trash Racks | A |
| | Trash Rakes | A |
| | Sluice / Slide Gates | A |
| | Electric Gate Operators | N |
| | Manual Gate Operators | A |
| | Other Metallic Items | A |
| | Flap Gates | A |
| | Closure Structures | N |
| | Security Fencing | A |
| | Intake and Discharge Pipes | A |

Flood Control Project Maintenance
Unit Cover Sheet
2018 Structure Inspection Results

City of Sacramento

| Structure |
|-------------------------|
| El Camino Avenue Bridge |

| | |
|--------------------|----------|
| Structure Rating | A |
| Date of Inspection | 8/2/2018 |
| DWR Inspector | Luz Dial |
| Accompanied By | |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|-------------------------|------------------|--------------------------|-------------|
| El Camino Avenue Bridge | | 08/02/2018 08/02/2018 | Luz Dial |

| | | | | | |
|---|--------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 1 |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Photo Documentation | | | 38.611365 ° | 38.611365 ° |
| | | | | -121.466557 ° | -121.466557 ° |
| DWR ID | DWR_NA0005_221_t_2012_1 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: West El Camino bridge is inspected as a structure because the bridge deck is below the design water surface elevation causing the wingwalls and guard railing to act as flood walls during high water events. | | | | | |

Photo 1 of 6 : ST_2018_NA0005_221_1_20180803_00014.jpg



View of the east end of the bridge. Summer 2018

| | | | | | |
|----------|-------------|--------------|----|------------|-----------------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 1 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |

Photo 2 of 6 : ST_2018_NA0005_221_1_20180803_00016.jpg



View of the downstream side of the bridge from the left bank. Summer 2018

| | | | | | |
|----------|-------------|--------------|----|------------|-----------------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 1 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |

Photo 3 of 6 : ST_2018_NA0005_221_1_20180803_00015.jpg



View of the upstream side of the bridge from the right bank. Summer 2018

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|-------------------------|------------------|--------------------------|-------------|
| El Camino Avenue Bridge | | 08/02/2018 08/02/2018 | Luz Dial |

| | | | | | |
|---|--------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 1 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Photo Documentation | | | 38.611365 ° | 38.611365 ° |
| | | | | -121.466557 ° | -121.466557 ° |
| DWR ID | DWR_NA0005_221_t_2012_1 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: West El Camino bridge is inspected as a structure because the bridge deck is below the design water surface elevation causing the wingwalls and guard railing to act as flood walls during high water events. | | | | | |

Photo 4 of 6 : ST_2018_NA0005_221_1_20180601_00001.jpg



View of the beginning of the bridge. Summer 2017

| | | | | | |
|----------|-------------|--------------|----|------------|-----------------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 1 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |

Photo 5 of 6 : ST_2018_NA0005_221_1_20180601_00002.jpg



View of the wing wall to act as a flood wall at this structure. Summer 2017

| | | | | | |
|----------|-------------|--------------|----|------------|-----------------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 1 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |

Photo 6 of 6 : ST_2018_NA0005_221_1_20180601_00003.jpg



View of the separation between wingwall that act as a flood wall and guard rail at the middle of the bridge. Summer 2017

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|-------------------------|------------------|--------------------------|-------------|
| El Camino Avenue Bridge | | 08/02/2018 08/02/2018 | Luz Dial |

| | | | | | |
|---|--------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 2 |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation & Obstructions | | | 38.611365 ° | 38.611365 ° |
| | | | | -121.466557 ° | -121.466557 ° |
| DWR ID | DWR_NA0005_221_t_2012_2 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: The channel appeared to be free of any vegetation growth that would impede flows. | | | | | |

Photo 1 of 4 : ST_2018_NA0005_221_2_20180803_00017.jpg



View of upstream vegetation. Summer 2018

Photo 2 of 4 : ST_2018_NA0005_221_2_20180803_00018.jpg



View of downstream vegetation. Summer 2018

Photo 3 of 4 : ST_2018_NA0005_221_2_20180601_00004.jpg



View of the channel under the bridge looking upstream. Summer 2017

| | | | | | |
|----------|-------------|--------------|----|------------|-----------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 2 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |

| | | | | | |
|----------|-------------|--------------|----|------------|-----------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 2 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|-------------------------|------------------|--------------------------|-------------|
| El Camino Avenue Bridge | | 08/02/2018 08/02/2018 | Luz Dial |

| | | | | | | |
|---|--------------------------------------|--------------|----|------------------------|----------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 2 (cont) | |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS | |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | Vegetation & Obstructions | | | 38.611365 ° | | 38.611365 ° |
| | | | | -121.466557 ° | | -121.466557 ° |
| DWR ID | DWR_NA0005_221_t_2012_2 | | | | | |
| Action/Comments | | | | | | |
| Inspector Comments: The channel appeared to be free of any vegetation growth that would impede flows. | | | | | | |

Photo 4 of 4 : ST_2018_NA0005_221_2_20180601_00005.jpg



View of the channel under the bridge looking downstream. Summer 2017

| | | | | | |
|-----------------|--------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 3 |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Shoaling / Sedimentation | | | 38.611365 ° | 38.611365 ° |
| | | | | -121.466557 ° | -121.466557 ° |
| DWR ID | DWR_NA0005_221_t_2012_3 | | | | |
| Action/Comments | | | | | |
| | | | | | |

No Photos

| | | | | | |
|-----------------|--------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 4 |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Erosion / Bank Caving | | | 38.611365 ° | 38.611365 ° |
| | | | | -121.466557 ° | -121.466557 ° |
| DWR ID | DWR_NA0005_221_t _2012_4 | | | | |
| Action/Comments | | | | | |
| | | | | | |

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|-------------------------|------------------|--------------------------|-------------|
| El Camino Avenue Bridge | | 08/02/2018 08/02/2018 | Luz Dial |

| | | | | | |
|---|--------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | M | Issue No. | 5 |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Revetments | | | 38.611365 ° | 38.611365 ° |
| | | | | -121.466557 ° | -121.466557 ° |
| DWR ID | DWR_NA0005_221_t_2012_5 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: Riprap underneath the bridge appears to be displaced by others. | | | | | |

Photo 1 of 2 : ST_2018_NA0005_221_5_20180803_00019.jpg



View of revetment underneath the east end of the bridge. Summer 2018

Photo 2 of 2 : ST_2018_NA0005_221_5_20180803_00020.jpg



View of revetment underneath the west end of the bridge. Summer 2018

| | | | | | |
|-----------------|--------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 6 |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.611365 ° | 38.611365 ° |
| | | | | -121.466557 ° | -121.466557 ° |
| DWR ID | DWR_NA0005_221_t _2012_6 | | | | |
| Action/Comments | | | | | |
| | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|-------------------------|------------------|--------------------------|-------------|
| El Camino Avenue Bridge | | 08/02/2018 08/02/2018 | Luz Dial |

| | | | | | |
|-----------------|--------------------------------------|------------------------|----|---------------|----|
| LM Start | 0.00 | Rating ** | N | Issue No. | 7 |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |
| Category | Structures & Concrete Lined Channels | GPS Latitude/Longitude | | | |
| | | Start | | End | |
| Item | Culverts: Inlets / Outlets | 38.611365 ° | | 38.611365 ° | |
| | | -121.466557 ° | | -121.466557 ° | |
| DWR ID | DWR_NA0005_221_t _ 2012_7 | | | | |
| Action/Comments | | | | | |
| | | | | | |

No Photos

| | | | | | |
|-----------------|--------------------------------------|------------------------|----|---------------|----|
| LM Start | 0.00 | Rating ** | N | Issue No. | 8 |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |
| Category | Structures & Concrete Lined Channels | GPS Latitude/Longitude | | | |
| | | Start | | End | |
| Item | Culverts: Breaks / Holes / Cracks | 38.611365 ° | | 38.611365 ° | |
| | | -121.466557 ° | | -121.466557 ° | |
| DWR ID | DWR_NA0005_221_t_2012_8 | | | | |
| Action/Comments | | | | | |
| | | | | | |

No Photos

| | | | | | |
|-----------------|--------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 9 |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Metal Pipes | | | 38.611365 ° | 38.611365 ° |
| | | | | -121.466557 ° | -121.466557 ° |
| DWR ID | DWR_NA0005_221_t_2012_9 | | | | |
| Action/Comments | | | | | |
| | | | | | |

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|-------------------------|------------------|--------------------------|-------------|
| El Camino Avenue Bridge | | 08/02/2018 08/02/2018 | Luz Dial |

| | | | | | |
|-----------------|--------------------------------------|------------------------|----|---------------|----|
| LM Start | 0.00 | Rating ** | N | Issue No. | 10 |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |
| Category | Structures & Concrete Lined Channels | GPS Latitude/Longitude | | | |
| | | Start | | End | |
| Item | Trash Racks | 38.611365 ° | | 38.611365 ° | |
| | | -121.466557 ° | | -121.466557 ° | |
| DWR ID | DWR_NA0005_221_t_2012_10 | | | | |
| Action/Comments | | | | | |
| | | | | | |

No Photos

| | | | | | |
|-----------------|--------------------------------------|------------------------|----|---------------|----|
| LM Start | 0.00 | Rating ** | N | Issue No. | 11 |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |
| Category | Structures & Concrete Lined Channels | GPS Latitude/Longitude | | | |
| | | Start | | End | |
| Item | Flap Gates | 38.611365 ° | | 38.611365 ° | |
| | | -121.466557 ° | | -121.466557 ° | |
| DWR ID | DWR_NA0005_221_t_2012_11 | | | | |
| Action/Comments | | | | | |
| | | | | | |

No Photos

| | | | | | |
|-----------------|--------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 12 |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Sluice/Slide Gates | | | 38.611365 ° | 38.611365 ° |
| | | | | -121.466557 ° | -121.466557 ° |
| DWR ID | DWR_NA0005_221_t_2012_12 | | | | |
| Action/Comments | | | | | |
| | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|-------------------------|------------------|--------------------------|-------------|
| El Camino Avenue Bridge | | 08/02/2018 08/02/2018 | Luz Dial |

| | | | | | |
|-----------------|--------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 13 |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Electric Gate Operators | | | 38.611365 ° | 38.611365 ° |
| | | | | -121.466557 ° | -121.466557 ° |
| DWR ID | DWR_NA0005_221_t_2012_13 | | | | |
| Action/Comments | | | | | |
| | | | | | |

No Photos

| | | | | | |
|-----------------|--------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 14 |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Manual Gate Operators | | | 38.611365 ° | 38.611365 ° |
| | | | | -121.466557 ° | -121.466557 ° |
| DWR ID | DWR_NA0005_221_t_2012_14 | | | | |
| Action/Comments | | | | | |
| | | | | | |

No Photos

| | | | | | |
|--|--------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 15 |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Concrete Surfaces | | | 38.611365 ° | 38.611365 ° |
| | | | | -121.466557 ° | -121.466557 ° |
| DWR ID | DWR_NA0005_221_t_2012_15 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: There is minor spalling along the northwest end of the bridge. | | | | | |
| | | | | | |

Photo 1 of 4 : ST_2018_NA0005_221_15_20180803_00021.jpg



View of minor spalling at northwest end of the bridge. Summer 2018

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|-------------------------|------------------|--------------------------|-------------|
| El Camino Avenue Bridge | | 08/02/2018 08/02/2018 | Luz Dial |

| | | | | | |
|--|--------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 15 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Concrete Surfaces | | | 38.611365 ° | 38.611365 ° |
| | | | | -121.466557 ° | -121.466557 ° |
| DWR ID | DWR_NA0005_221_t_2012_15 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: There is minor spalling along the northwest end of the bridge. | | | | | |

Photo 2 of 4 : ST_2018_NA0005_221_15_20180601_00006.jpg



View of the flood wall. Summer 2017

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 15 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |

Photo 3 of 4 : ST_2018_NA0005_221_15_20180601_00007.jpg



View of the guard rail of the bridge. Summer 2017

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 15 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |

Photo 4 of 4 : ST_2018_NA0005_221_15_20180601_00008.jpg



View of the flood wall that appears to have smoke damage, but the joints and the integrity of the wall don't appear to be threatened. Summer 2017

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|-------------------------|------------------|--------------------------|-------------|
| El Camino Avenue Bridge | | 08/02/2018 08/02/2018 | Luz Dial |

| | | | | | |
|-----------------|--------------------------------------|------------------------|----|---------------|----|
| LM Start | 0.00 | Rating ** | A | Issue No. | 16 |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |
| Category | Structures & Concrete Lined Channels | GPS Latitude/Longitude | | | |
| | | Start | | End | |
| Item | Concrete Tilting / Settlement | 38.611365 ° | | 38.611365 ° | |
| | | -121.466557 ° | | -121.466557 ° | |
| DWR ID | DWR_NA0005_221_t_2012_16 | | | | |
| Action/Comments | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|--------------------------------------|------------------------|----|---------------|----|
| LM Start | 0.00 | Rating ** | A | Issue No. | 17 |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |
| Category | Structures & Concrete Lined Channels | GPS Latitude/Longitude | | | |
| | | Start | | End | |
| Item | Concrete Foundations | 38.611365 ° | | 38.611365 ° | |
| | | -121.466557 ° | | -121.466557 ° | |
| DWR ID | DWR_NA0005_221_t_2012_17 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: No apparent scouring or erosion at the footings of the structure. | | | | | |

Photo 1 of 2 : ST_2018_NA0005_221_17_20180601_00009.jpg



View of the columns of the bridge looking upstream.

Photo 2 of 2 : ST_2018_NA0005_221_17_20180601_00010.jpg



View below the bridge looking toward downstream.

| | | | | | |
|--|--|---|--|---|--|
| * Location LS : Land Side WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
| | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | | |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|-------------------------|------------------|--------------------------|-------------|
| El Camino Avenue Bridge | | 08/02/2018 08/02/2018 | Luz Dial |

| | | | | | |
|-----------------|--------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 18 |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Security Fencing | | | 38.611365 ° | 38.611365 ° |
| | | | | -121.466557 ° | -121.466557 ° |
| DWR ID | DWR_NA0005_221_t_2012_18 | | | | |
| Action/Comments | | | | | |
| | | | | | |

No Photos

| | | | | | |
|-----------------|--------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 19 |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Closure Structures | | | 38.611365 ° | 38.611365 ° |
| | | | | -121.466557 ° | -121.466557 ° |
| DWR ID | DWR_NA0005_221_t _ 2012_19 | | | | |
| Action/Comments | | | | | |
| | | | | | |

No Photos

| | | | | | |
|-----------------|--------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 20 |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trash Rakes | | | 38.611365 ° | 38.611365 ° |
| | | | | -121.466557 ° | -121.466557 ° |
| DWR ID | DWR_NA0005_221_t_2012_20 | | | | |
| Action/Comments | | | | | |
| | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|-------------------------|------------------|--------------------------|-------------|
| El Camino Avenue Bridge | | 08/02/2018 08/02/2018 | Luz Dial |

| | | | | | |
|-----------------|--------------------------------------|------------------------|----|---------------|----|
| LM Start | 0.00 | Rating ** | N | Issue No. | 21 |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |
| Category | Structures & Concrete Lined Channels | GPS Latitude/Longitude | | | |
| | | Start | | End | |
| Item | Other Metallic Items | 38.611365 ° | | 38.611365 ° | |
| | | -121.466557 ° | | -121.466557 ° | |
| DWR ID | DWR_NA0005_221_t_2012_21 | | | | |
| Action/Comments | | | | | |
| | | | | | |

No Photos

| | | | | | |
|-----------------|--------------------------------------|------------------------|----|---------------|----|
| LM Start | 0.00 | Rating ** | A | Issue No. | 22 |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |
| Category | Structures & Concrete Lined Channels | GPS Latitude/Longitude | | | |
| | | Start | | End | |
| Item | Monolith Joints | 38.611365 ° | | 38.611365 ° | |
| | | -121.466557 ° | | -121.466557 ° | |
| DWR ID | DWR_NA0005_221_t _ 2012_22 | | | | |
| Action/Comments | | | | | |
| | | | | | |

Photo 1 of 4 : ST_2018_NA0005_221_22_20180803_00022.jpg



View of the flood wall at the northwest end of the bridge. Summer 2018

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 22 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |

Photo 2 of 4 : ST_2018_NA0005_221_22_20180803_00023.jpg



View of the flood wall at the southeast end of the bridge. Summer 2018

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|-------------------------|------------------|--------------------------|-------------|
| El Camino Avenue Bridge | | 08/02/2018 08/02/2018 | Luz Dial |

| | | | | | | |
|-----------------|--------------------------------------|--------------|----|------------------------|-----------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 22 (cont) | |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS | |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | Monolith Joints | | | 38.611365 ° | | 38.611365 ° |
| | | | | -121.466557 ° | | -121.466557 ° |
| DWR ID | DWR_NA0005_221_t _ 2012_22 | | | | | |
| Action/Comments | | | | | | |
| | | | | | | |

Photo 3 of 4 : ST_2018_NA0005_221_22_20180601_00011.jpg



View of the flood walls with monolith joints. Summer 2017

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 22 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |

Photo 4 of 4 : ST_2018_NA0005_221_22_20180601_00012.jpg



View of the flood walls with monolith joints. Summer 2017

| | | | | | |
|-----------------|--------------------------------------|------------------------|----|---------------|----|
| LM Start | 0.00 | Rating ** | A | Issue No. | 23 |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |
| Category | Structures & Concrete Lined Channels | GPS Latitude/Longitude | | | |
| | | Start | | End | |
| Item | Safety | 38.611365 ° | | 38.611365 ° | |
| | | -121.466557 ° | | -121.466557 ° | |
| DWR ID | DWR_NA0005_221_t_2012_23 | | | | |
| Action/Comments | | | | | |
| | | | | | |

Photo 1 of 3 : ST_2018_NA0005_221_23_20180803_00024.jpg



View of the guard rails. Summer 2018

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|-------------------------|------------------|--------------------------|-------------|
| El Camino Avenue Bridge | | 08/02/2018 08/02/2018 | Luz Dial |

| | | | | | | |
|-----------------|--------------------------------------|--------------|----|------------------------|-----------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 23 (cont) | |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS | |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | Safety | | | 38.611365 ° | | 38.611365 ° |
| | | | | -121.466557 ° | | -121.466557 ° |
| DWR ID | DWR_NA0005_221_t_2012_23 | | | | | |
| Action/Comments | | | | | | |
| | | | | | | |

Photo 2 of 3 : ST_2018_NA0005_221_23_20180803_00025.jpg



View of the guard rails. Summer 2018

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 23 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |

Photo 3 of 3 : ST_2018_NA0005_221_23_20180601_00013.jpg



View of the guard rails which provides protection against fall hazards.
Summer 2017

| | | | | | |
|--|--------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 24 |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Operation & Maintenance Manual | | | 38.611365 ° | 38.611365 ° |
| | | | | -121.466557 ° | -121.466557 ° |
| DWR ID | DWR_NA0005_221_t_2014_24 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: This bridge is listed as a project structure per the USACE, but it doesn't have an O&M manual. | | | | | |
| | | | | | |

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Flood Control Project Maintenance

Unit Cover Sheet

2018 Pumping Plant Inspection Results

City of Sacramento

| Pumping Plant |
|----------------------------|
| Magpie Creek Pumping Plant |

| | |
|----------------------|---|
| Pumping Plant Rating | A |
| Date of Inspection | 8/2/2018 |
| DWR Inspector | Luz Dial |
| Accompanied By | Ray Smith City of Sacramento |

Flood Control Project Maintenance Levee Inspections

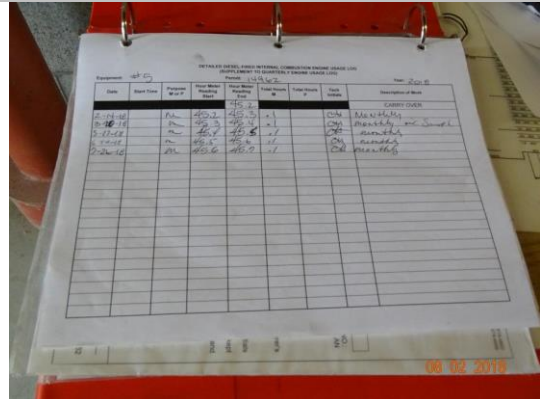
Levee Inspection Report By Mile - Structure 2018

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|----------------------------|------------------|--------------------------|-------------|
| Magpie Creek Pumping Plant | | 08/02/2018 08/02/2018 | Luz Dial |

| | | | | | |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 1 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Operating Log | | | 38.640967 ° | 38.640967 ° |
| | | | | -121.471106 ° | -121.471106 ° |
| DWR ID | DWR_NA0005_16_t_2012_1 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: The operation log shows preventive maintenance activities for the engines, and the maintenance records show activities following their prescribed frequencies. | | | | | |

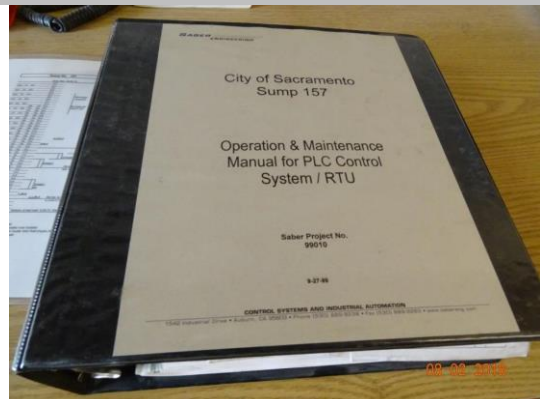
Photo 1 of 1 : ST_2018_NA0005_16_1_20180803_00027.jpg



View of the maintenance log at the station. Summer 2018

| | | | | | |
|--|--------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 2 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Operation & Maintenance Manual | | | 38.640967 ° | 38.640967 ° |
| | | | | -121.471106 ° | -121.471106 ° |
| DWR ID | DWR_NA0005_16_t_2012_2 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: The City of Sacramento doesn't have the O&M manual for this plant. This pumping plant is listed in the SPFC Descriptive Document as a SPFC pumping plant. CVFPB permit #9596 was issued to construct this structure. | | | | | |

Photo 1 of 2 : ST_2018_NA0005_16_2_20180803_00028.jpg



View of the O&M manual for the PLC Control System/RTU. Summer 2018

| | | | | | |
|----------|------|--------------|----|------------|----------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 2 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | |

Photo 2 of 2 : ST_2018_NA0005_16_2_20180601_00002.jpg



View of O&M manuals in the plant, but they are not written by the USACE. Summer 2017

| | | | | | |
|--|--|---|--|---|--|
| * Location LS : Land Side WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
| | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | | |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|----------------------------|------------------|--------------------------|-------------|
| Magpie Creek Pumping Plant | | 08/02/2018 08/02/2018 | Luz Dial |

| | | | | | |
|-----------------|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 3 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Plant Building | | | 38.640967 ° | 38.640967 ° |
| | | | | -121.471106 ° | -121.471106 ° |
| DWR ID | DWR_NA0005_16_t_2012_3 | | | | |
| Action/Comments | | | | | |
| | | | | | |

Photo 1 of 2 : ST_2018_NA0005_16_3_20180803_00031.jpg



View of the pumping plant looking east. Summer 2018

| | | | | | |
|----------|-------------|--------------|----|------------|-----------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 3 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | |

Photo 2 of 2 : ST_2018_NA0005_16_3_20180803_00030.jpg



View of the pumping plant and the control room looking north. Summer 2018

| | | | | | |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 4 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Communications | | | 38.640967 ° | 38.640967 ° |
| | | | | -121.471106 ° | -121.471106 ° |
| DWR ID | DWR_NA0005_16_t_2012_4 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: District personnel have cell phones for communication. | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|----------------------------|------------------|--------------------------|-------------|
| Magpie Creek Pumping Plant | | 08/02/2018 08/02/2018 | Luz Dial |

| | | | | | |
|-----------------|------------------------|--------------|----|------------------------|--------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 5 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Safety | | | 38.640967° | 38.640967° |
| | | | | -121.471106° | -121.471106° |
| DWR ID | DWR_NA0005_16_t_2012_5 | | | | |
| Action/Comments | | | | | |
| | | | | | |

Photo 1 of 2 : ST_2018_NA0005_16_5_20180803_00032.jpg



View of emergency spill kit. Summer 2018

| | | | | | |
|----------|-------------|--------------|----|------------|-----------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 5 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | |

Photo 2 of 2 : ST_2018_NA0005_16_5_20180601_00007.jpg



View of one of the fire extinguishers inside the plant. Summer 2017

| | | | | | |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 6 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Cranes | | | 38.640967 ° | 38.640967 ° |
| | | | | -121.471106 ° | -121.471106 ° |
| DWR ID | DWR_NA0005_16_t_2012_6 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: Hoist and monorail system was tested and appear to be functional. Annual CAL/OSHA Crane Certification completed. | | | | | |

Photo 1 of 1 : ST_2018_NA0005_16_6_20180803_00033.jpg



View of the hoist and monorail system. Summer 2018

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|----------------------------|------------------|--------------------------|-------------|
| Magpie Creek Pumping Plant | | 08/02/2018 08/02/2018 | Luz Dial |

| | | | | | |
|---|------------------------|--------------|----|------------------------|--------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 7 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Pumps | | | 38.640967° | 38.640967° |
| | | | | -121.471106° | -121.471106° |
| DWR ID | DWR_NA0005_16_t_2012_7 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: All pumps are available and in service. | | | | | |

Photo 1 of 5 : ST_2018_NA0005_16_7_20180803_00034.jpg



View of small electric pump. Summer 2018

| | | | | | |
|----------|-------------|--------------|----|------------|-----------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 7 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | |

Photo 2 of 5 : ST_2018_NA0005_16_7_20180803_00036.jpg



View of propane-powered pump 5. Summer 2018

| | | | | | |
|----------|-------------|--------------|----|------------|-----------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 7 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | |

Photo 3 of 5 : ST_2018_NA0005_16_7_20180803_00037.jpg



View of propane-powered pump 6. Summer 2018

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|----------------------------|------------------|--------------------------|-------------|
| Magpie Creek Pumping Plant | | 08/02/2018 08/02/2018 | Luz Dial |

| | | | | | | |
|---|------------------------|--------------|----|------------------------|---------------|--|
| LM Start | 0.00 | Rating ** | A | Issue No. | 7 (cont) | |
| LM End | 0.00 | Issue Type + | Ma | Location * | | |
| Category | Pump Stations | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | Pumps | | | 38.640967 ° | 38.640967 ° | |
| | | | | -121.471106 ° | -121.471106 ° | |
| DWR ID | DWR_NA0005_16_t_2012_7 | | | | | |
| Action/Comments | | | | | | |
| Inspector Comments: All pumps are available and in service. | | | | | | |

Photo 4 of 5 : ST_2018_NA0005_16_7_20180803_00038.jpg



View of propane-powered pump 7. Summer 2018

Photo 5 of 5 : ST_2018_NA0005_16_7_20180803_00039.jpg



View of electric pumps located north of the pump building. Summer 2018

| | | | | | |
|-----------------|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 8 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Power | | | 38.640967 ° | 38.640967 ° |
| | | | | -121.471106 ° | -121.471106 ° |
| DWR ID | DWR_NA0005_16_t_2012_8 | | | | |
| Action/Comments | | | | | |
| | | | | | |

Photo 1 of 2 : ST_2018_NA0005_16_8_20180803_00042.jpg



View of the electric power sources located south of the pump building. Summer 2018

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|----------------------------|------------------|--------------------------|-------------|
| Magpie Creek Pumping Plant | | 08/02/2018 08/02/2018 | Luz Dial |

| | | | | | | |
|-----------------|------------------------|--------------|----|------------------------|----------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 8 (cont) | |
| LM End | 0.00 | Issue Type + | Ma | Location * | | |
| Category | Pump Stations | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | Power | | | 38.640967 ° | | 38.640967 ° |
| | | | | -121.471106 ° | | -121.471106 ° |
| DWR ID | DWR_NA0005_16_t_2012_8 | | | | | |
| Action/Comments | | | | | | |
| | | | | | | |

Photo 2 of 2 : ST_2018_NA0005_16_8_20180803_00040.jpg



View of the propane tank located south of the pump building. Summer 2018

| | | | | | |
|-----------------|---------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 10 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Motors, Engines, Fans & Gear Reducers | | | 38.640967 ° | 38.640967 ° |
| | | | | -121.471106 ° | -121.471106 ° |
| DWR ID | DWR_NA0005_16_t_2013_10 | | | | |
| Action/Comments | | | | | |
| | | | | | |

Photo 1 of 1 : ST_2018_NA0005_16_10_20180803_00043.jpg



View of the ventilation fans inside the pump building. Summer 2018

| | | | | | |
|-----------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 11 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Pump Control Systems | | | 38.640967 ° | 38.640967 ° |
| | | | | -121.471106 ° | -121.471106 ° |
| DWR ID | DWR_NA0005_16_t_2012_11 | | | | |
| Action/Comments | | | | | |
| | | | | | |

Photo 1 of 3 : ST_2018_NA0005_16_11_20180803_00047.jpg



View of pump control interface. Summer 2018

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|----------------------------|------------------|--------------------------|-------------|
| Magpie Creek Pumping Plant | | 08/02/2018 08/02/2018 | Luz Dial |

| | | | | | | |
|-----------------|-------------------------|--------------|----|------------------------|--------------|-----|
| LM Start | 0.00 | Rating ** | A | Issue No. | 11 (cont) | |
| LM End | 0.00 | Issue Type + | Ma | Location * | | |
| Category | Pump Stations | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | Pump Control Systems | | | 38.640967° | 38.640967° | |
| | | | | -121.471106° | -121.471106° | |
| DWR ID | DWR_NA0005_16_t_2012_11 | | | | | |
| Action/Comments | | | | | | |
| | | | | | | |

Photo 2 of 3 : ST_2018_NA0005_16_11_20180803_00046.jpg



View of the motor control center. Summer 2018

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 11 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | |

Photo 3 of 3 : ST_2018_NA0005_16_11_20180803_00045.jpg



View of the motor control center. Summer 2018

| | | | | | |
|-----------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 12 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Sumps/Wet Well | | | 38.640967 ° | 38.640967 ° |
| | | | | -121.471106 ° | -121.471106 ° |
| DWR ID | DWR_NA0005_16_t_2012_12 | | | | |
| Action/Comments | | | | | |
| | | | | | |

Photo 1 of 1 : ST_2018_NA0005_16_12_20180601_00020.jpg



View of the wet well. Summer 2017

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|----------------------------|------------------|--------------------------|-------------|
| Magpie Creek Pumping Plant | | 08/02/2018 08/02/2018 | Luz Dial |

| | | | | | |
|-----------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 13 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trash Racks | | | 38.640967 ° | 38.640967 ° |
| | | | | -121.471106 ° | -121.471106 ° |
| DWR ID | DWR_NA0005_16_t_2018_13 | | | | |
| Action/Comments | | | | | |
| | | | | | |

Photo 1 of 1 : ST_2018_NA0005_16_13_20180803_00048.jpg



View of the trash rack. Summer 2018

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 14 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trash Rakes | | | 38.640967 ° | 38.640967 ° |
| | | | | -121.471106 ° | -121.471106 ° |
| DWR ID | DWR_NA0005_16_t_2012_14 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: Both Duperon screens appear to be running properly. | | | | | |

Photo 1 of 1 : ST_2018_NA0005_16_14_20180807_00054.jpg



View of Duperon screens. Summer 2018

| | | | | | |
|-----------------|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 9 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Sluice / Slide Gates | | | 38.640967 ° | 38.640967 ° |
| | | | | -121.471106 ° | -121.471106 ° |
| DWR ID | DWR_NA0005_16_t_2013_9 | | | | |
| Action/Comments | | | | | |
| | | | | | |

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|----------------------------|------------------|--------------------------|-------------|
| Magpie Creek Pumping Plant | | 08/02/2018 08/02/2018 | Luz Dial |

| | | | | | |
|-----------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 16 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Electric Gate Operators | | | 38.640967 ° | 38.640967 ° |
| | | | | -121.471106 ° | -121.471106 ° |
| DWR ID | DWR_NA0005_16_t_2012_16 | | | | |
| Action/Comments | | | | | |
| | | | | | |

No Photos

| | | | | | |
|-----------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 17 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Manual Gate Operators | | | 38.640967 ° | 38.640967 ° |
| | | | | -121.471106 ° | -121.471106 ° |
| DWR ID | DWR_NA0005_16_t_2012_17 | | | | |
| Action/Comments | | | | | |
| | | | | | |

Photo 1 of 1 : ST_2018_NA0005_16_17_20180803_00050.jpg



View of the slide gate operators. Summer 2018

| | | | | | |
|-----------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 18 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Other Metallic Items | | | 38.640967 ° | 38.640967 ° |
| | | | | -121.471106 ° | -121.471106 ° |
| DWR ID | DWR_NA0005_16_t_2012_18 | | | | |
| Action/Comments | | | | | |
| | | | | | |

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|----------------------------|------------------|--------------------------|-------------|
| Magpie Creek Pumping Plant | | 08/02/2018 08/02/2018 | Luz Dial |

| | | | | | |
|-----------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 19 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Flap Gates | | | 38.640967 ° | 38.640967 ° |
| | | | | -121.471106 ° | -121.471106 ° |
| DWR ID | DWR_NA0005_16_t_2012_19 | | | | |
| Action/Comments | | | | | |
| | | | | | |

Photo 1 of 2 : ST_2018_NA0005_16_19_20180803_00051.jpg



View of the flap gates to the south. Summer 2018

| | | | | | |
|----------|------|--------------|----|------------|-----------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 19 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | |

Photo 2 of 2 : ST_2018_NA0005_16_19_20180803_00052.jpg



View of the flap gates to the north. Summer 2018

| | | | | | |
|-----------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 20 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Closure Structures | | | 38.640967 ° | 38.640967 ° |
| | | | | -121.471106 ° | -121.471106 ° |
| DWR ID | DWR_NA0005_16_t_2012_20 | | | | |
| Action/Comments | | | | | |
| | | | | | |

No Photos

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|----------------------------|------------------|--------------------------|-------------|
| Magpie Creek Pumping Plant | | 08/02/2018 08/02/2018 | Luz Dial |

| | | | | | |
|-----------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 21 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Security Fencing | | | 38.640967 ° | 38.640967 ° |
| | | | | -121.471106 ° | -121.471106 ° |
| DWR ID | DWR_NA0005_16_t_2012_21 | | | | |
| Action/Comments | | | | | |
| | | | | | |

Photo 1 of 2 : ST_2018_NA0005_16_21_20180816_00055.jpg



View of repaired fence at northwest access ramp. Summer 2018

| | | | | | |
|----------|------|--------------|----|------------|-----------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 21 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | |

Photo 2 of 2 : ST_2018_NA0005_16_21_20180601_00024.jpg



View of the security fencing around the structure. Summer 2017

| | | | | | |
|-----------------|----------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 22 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Intake and Discharge Pipes | | | 38.640967 ° | 38.640967 ° |
| | | | | -121.471106 ° | -121.471106 ° |
| DWR ID | DWR_NA0005_16_t_2012_22 | | | | |
| Action/Comments | | | | | |
| | | | | | |

Photo 1 of 2 : ST_2018_NA0005_16_22_20180601_00026.jpg



View of the intake pipes. Summer 2017

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|----------------------------|------------------|--------------------------|-------------|
| Magpie Creek Pumping Plant | | 08/02/2018 08/02/2018 | Luz Dial |

| | | | | | |
|-----------------|----------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 22 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Intake and Discharge Pipes | | | 38.640967 ° | 38.640967 ° |
| | | | | -121.471106 ° | -121.471106 ° |
| DWR ID | DWR_NA0005_16_t_2012_22 | | | | |
| Action/Comments | | | | | |
| | | | | | |

Photo 2 of 2 : ST_2018_NA0005_16_22_20180601_00025.jpg



View of another intake pipe. Summer 2017

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement